

EXPRESS MAIL MAILING LABEL NO. EV260609868US

DECLARATION AND POWER OF ATTORNEY FOR UTILITY OR DESIGN PATENT APPLICATION		Attorney Docket No.	VXM-001A
		First Named Inventor	Vitaliano
COMPLETE IF KNOWN			
		Application Serial Number	Not yet assigned
		Filing Date	Herewith
		Group Art Unit	Not yet assigned
		Examiner Name	Not yet assigned

As a below named inventor, I hereby declare that:

My residence, mailing address, and citizenship are as stated below next to my name.

I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled:

Quantum Information Processing Elements and Quantum Information
Processing Platforms Using Such Elements

(Title of the Invention)

the specification of which

is attached hereto

OR

was filed on as United States Application Serial Number or PCT International
(MM/DD/YYYY)

Application Number and was amended on (if applicable).

I hereby state that I have reviewed and understand the contents of the above-identified application, including the claims, as amended by any amendment specifically referred to above.

I acknowledge the duty to disclose to the Patent Office all information known by me to be material to patentability as defined in 37 CFR 1.56, including for continuation-in-part applications, material information known by me which became available between the filing date of the prior application and the national or PCT international filing date of the continuation-in-part application.

I hereby claim foreign priority benefits under 35 U.S.C. 119(a)-(d) or (f), or 365(b) of any foreign application(s) for patent, or inventor's certificate(s), or 365(a) of any PCT international application which designated at least one country other than the United States of America, listed below and have also identified below, by checking the box, any foreign application for patent, or inventor's certificate(s), or of any PCT international application having a filing date before that of the application on which priority is claimed.

Prior Foreign Application Number(s)	Country	Foreign Filing Date (MM/DD/YYYY)	Priority Not Claimed	Certified Copy Attached?
			<input type="checkbox"/>	YES <input type="checkbox"/> NO <input type="checkbox"/>
<input type="checkbox"/>			<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>			<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>			<input type="checkbox"/>	<input type="checkbox"/>

Additional foreign application numbers are listed on a supplemental priority data sheet attached hereto.

I hereby claim the benefit under 35 U.S.C. 119(e) of any United States provisional application(s) listed below.

Application Serial Number(s)	Filing Date (MM/DD/YYYY)	<input type="checkbox"/> Additional provisional application serial numbers are listed on a supplemental priority data sheet attached hereto.
		<input type="checkbox"/>

Sep 10 03 03:21p

Gvitaliano

617 248 8886

p. 11

Declaration and Power of Attorney for Utility or Design Patent Application
Serial No. Not yet assigned
Atty. Docket No. VXM-001A
Page 2 of 3

Declaration and Power of Attorney for Utility or Design Patent Application

Serial No. Not yet assigned
 Atty. Docket No. VXM-001A
 Page 3 of 4

DECLARATION – Utility or Design Patent Application

I hereby claim the benefit under 35 U.S.C. 120 of any United States application(s), or 365(c), of any PCT international application designating the United States of America, listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States or PCT International application in the manner provided by the first paragraph of 35 U.S.C. 112, I acknowledge the duty to disclose information which is material to patentability as defined in 37 CFR 1.56 which became available between the filing date of the prior application and the national or PCT international filing date of this application.

U.S. Parent Application or PCT Parent Serial Number	Parent Filing Date (MM/DD/YYYY)	Parent Patent Number (if applicable)

Additional U.S. or PCT international application numbers are listed on a supplemental priority data sheet attached hereto.

As a named inventor, I hereby appoint the following registered practitioners to prosecute this application and to transact all business in the Patent and Trademark Office connected therewith: Customer Number → Place Customer Number Bar Code Label Here

OR
 Registered practitioner(s) name/registration number listed below

	Registration Number	Name	Registration Number
Andrew F. Abramson	52,538	William R. Haulbrook	53,002
Steven M. Bauer	31,481	Ira V. Hetlan	41,059
Mark L. Beloborodov	50,773	Douglas J. Kline	35,574
John V. Bianco	36,748	William A. Meunier	41,193
Robert S. Blasi	50,389	Thomas C. Meyers	36,989
Michael H. Brodowski	41,640	Jennifer G. Moitoso	51,752
Jennifer A. Camacho	43,526	Ronda P. Moore	44,244
Joseph A. Capraro, Jr.	36,471	Jeremy P. Oczek	50,794
Fangli Chen	51,551	Jamie H. Rose	45,054
Christopher H. Chung	50,351	Christopher W. Stamos	35,370
John J. Cotter	38,116	Diana M. Steel	43,153
Robert V. Donahoe	46,667	Robert J. Tosti	35,393
Brian A. Fairchild	48,645	Thomas A. Turano	35,722
James E. Fajkowski	54,089	Natasha C. Us	44,381
Jason P. Fiorillo	52,892	Christine C. Vito	39,061
John V. Forcier	42,545	Daniel A. Wilson	45,508
Steven J. Frank	33,497	Gerald E. Worth	45,238
Kia L. Freeman	47,577		
Brian M. Gaff	44,691		
Edward A. Gordon	54,130		
Duncan A. Greenhalgh	38,678		

Additional registered practitioners named on supplemental Registered Practitioner Information sheet attached hereto.

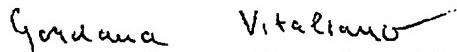
Direct all correspondence to:

Patent Administrator
 Testa, Hurwitz & Thibeault, LLP
 High Street Tower
 125 High Street
 Boston, MA 02110
 Tel. No.: (617) 248-7000
 Fax No.: (617) 248-7100

Declaration and Power of Attorney for Utility or Design Patent Application

Serial No. Not yet assigned
 Atty. Docket No. VXM-001A
 Page 4 of 3

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under 18 U.S.C. 1001 and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

Name of Sole or First Inventor:		<input type="checkbox"/> A petition has been filed for this unsigned inventor						
Given Name (first and middle [if any])		Family Name or Surname						
Franco		Vitaliano						
Inventor's Signature							Date	9/10/03
Residence	City	Boston	State	MA	Country	US	Citizenship	US
Mailing Address	4 Longfellow Place, #2105							
Mailing Address (In. 2)	City	Boston	State	MA	ZIP	02114	Country	US
<input type="checkbox"/> Additional inventors are being named on the _____ supplemental Additional Inventor(s) sheet(s) attached hereto.								
Name of Additional Joint Inventor, if any:		<input type="checkbox"/> A petition has been filed for this unsigned inventor						
Given Name (first and middle [if any])		Family Name or Surname						
Gordana		Vitaliano						
Inventor's Signature							Date	09/10/03
Residence	City	Boston	State	MA	Country	US	Citizenship	US
Mailing Address	4 Longfellow Place, #2105							
Mailing Address (In. 2)	City	Boston	State	MA	ZIP	02114	Country	US
Name of Additional Joint Inventor, if any:		<input type="checkbox"/> A petition has been filed for this unsigned inventor						
Given Name (first and middle [if any])		Family Name or Surname						
Inventor's Signature							Date	
Residence	City		State		Country		Citizenship	
Mailing Address								
Mailing Address (In. 2)	City		State		ZIP		Country	